Brickcom

Megapixel Fixed Box Network Camera



FB-100A Series

- H.264, MPEG-4 and MJPEG Triple Codec Compression
- Simultaneous Dual stream for Optimized Quality and Bandwidth
- Unique Profile Setting for Variable Environment
- 1 DI/DO for External Alarm and Sensor Device
- 802.3af Compliant PoE
- Built-in SD/SDHC Memory Card Slot for Local Storage
- Removable IR-Cut Filter for Day and Night Function
- IEEE 802.11 a/b/g/n Compliance Wireless Connectivity (*)
- WPS Function Support for Easy Wireless Network Setup (*)

Camera Accessories



YV10x5HR4A-SA2
2.1x Vari-focal Lens with DC Iris



EN-2070
Infrared Illuminator Enclosure



EN-1000
Outdoor Enclosure

Network Equipments



PS-588I
8-port 10/100M POE Switch



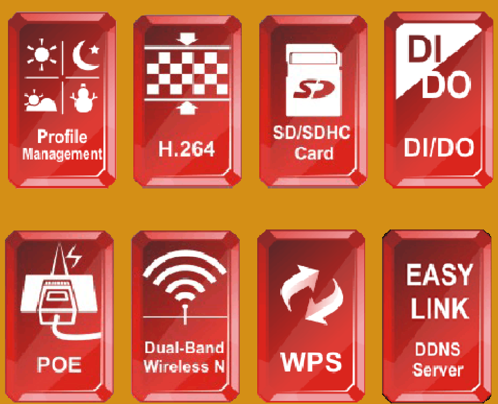
PS-7242IL-AF
24-port 10/100M POE Switch



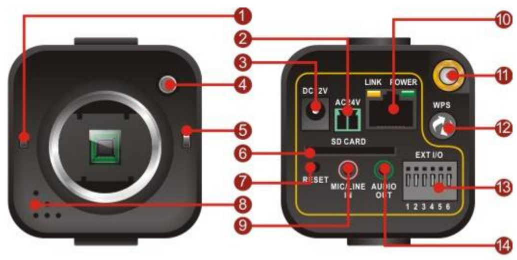
DWRT-600N
Dual-Band Wireless N Router



3001
PoE Injector

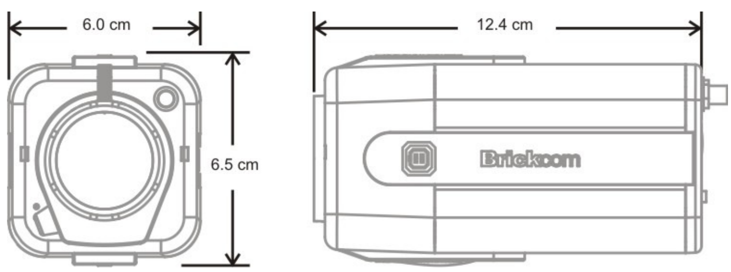


Dimension Diagram (FB-100Ap Series)





1. Status LED
2. Power Connector (AC24V in) (*)
3. Power Connector (DC12V in)
4. Light Sensor
5. WPS LED
6. SD/SDHC Card Slot (*)
7. Reset Button
8. Built-in Microphone
9. Microphone/Line In
10. Ethernet RJ45 10/100 Socket (Link/Power LED embedded)
11. Detachable Antenna (*)
12. WPS Button (*)
13. Extension I/O Terminal Block
14. Audio Out
15. Auto Iris Connector



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FB-100A Series

Camera

Model Number	**FB-100Ae** MEGAPIXEL/ 2 Way Audio/ Ethernet/ POE/ RS485/ DIDO **WFB-100Ae** MEGAPIXEL/ 2 Way Audio/ Ethernet/ POE/ RS485/ DIDO/ Wireless 802.11 bgn/ WPS Button **FB-100Ap** MEGAPIXEL/ 2 Way Audio/ SDHC/ Ethernet/ POE/ RS485/ DIDO **WFB-100Ap** MEGAPIXEL/ 2 Way Audio/ SDHC/ Ethernet/ POE/ RS485/ DIDO/ Wireless 802.11 abgn/ WPS Button
Hardware System	CPU: 500 MHz Flash: 16M RAM: 128M DDR (*)
Image Sensor	Sensor Type : 1/4" CMOS Sensor Sensor Resolution : 1280 x 800 pixel Minimum Illumination : 1 Lux (Without IR LED)
Day & Night Support	Mechanical ICR , triggered by sensor

Video

Video Image Compression	H.264 / MPEG4 / MJPEG
Video Setting	Auto Exposure Control: Sport, Normal, Night Vision, User Defined Auto Gain Control: 1X~5X Shutter Speed: 1/24500~1/5s
Image Resolution	**16:10** - 1280 x 800 - 640 x 400 - 320 x 392 **16:9** - 1280 x 720 - 640 x 352 - 320 x 176 **4:3** - 640 x 480 - 320 x 240
Frame Rate at Max. Resolution	**FB-100Ae/ WFB-100Ae** H.264: 15 fps MPEG4: 15 fps MJPEG: 30 fps **FB-100Ap/ WFB-100Ap** H.264: 30 fps MPEG4: 15 fps MJPEG: 30 fps

Audio

Audio Streaming	Two-way audio support
Audio Compression	G.711, AMR (8 kHz, Mono, PCM)
Audio Input	External microphone or line input (Unbalanced, 1.4 Vp-p, 1 Vrms)
Audio output	Line Output

Network

Communication	Ethernet : one 10/100Mbps RJ-45 IEEE 802.11a/b/g/n compliance **(WFB-100A)** Supported Protocols : TCP/IP, UDP, ICMP, DHCP, NTP, DNS, DDNS, SMTP, FTP, HTTP, Samba, PPPoE, UPnP, RTP, RTSP, RTCP, Wireless 802.11 a/b/g/n **(WFB-100A)**

General

Interface & Buttons	DC 12V Power In AC 24V Power In (**FB-100Ap/ WFB-100Ap**) RJ45 Ethernet Cable Connector General I/O Terminal Block(DI/DO, RS485 included) External MIC/Line Input External Audio Output Built-in MIC Reset Button SD/SDHC memory card slot (**FB-100Ap/ WFB-100Ap**) WPS Button (**WFB-100A**) Detachable Antenna Connector (**WFB-100A**)
Power input	AC 24V (**FB-100Ap/ WFB-100Ap**) DC 12V / 1A (Power Supply) PoE:802.3af Compliant
LEDs	**FB-100A** Status/Ethernet(Power/Link) **WFB-100A** Status/WPS/Ethernet(Power/Link)
Power Consumption	Max Power Consumption : 5 watts
Environment	Operating Temperature : 0℃ ~ 50℃ (32℉ ~122℉) Operating Humidity : 10% ~ 80%
Dimension	124(L) * 60 (W) * 65(H) mm
Weight	**FB-100A** Net: 380g (Without Lens) Gross : 893G **WFB-100A** Net: 385g (Without Lens) Gross: 903G
Certification	FCC, CE
Warranty	Limited 2-year warranty

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(*) These are optional features. Please refer to the Buying Guide for the full list of optional features available for this product.